APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201040043-4

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THE ROLE OF SURFACE IN THE CHAIN-PROPAGATING REACTION IN THE LIQUID-PHASE OXIDATION OF n-BUTANE. [1964] 3p
Order from ATS $8.00 ATS-85R74R

Trans. of Akad[emiya] Nauk SSSR. Dokl[ady] 1963, v. 151, no. 5, p. 1127-1130.

(Chemistry--Organic, TT, v. 11, no. 12)

TT-64-12752

I. Blyumberg, E. A.
II. Norikov, Yu. D.
III. Emanuel, N. M.
IV. ATS-85R74R
V. Associated Technical Services, Inc., East Orange, N. J.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201040043-4

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201040043-4

Thermal Reaction of Acetylene, IV. The Nature of the Induction Period, by B. A. Blyumberg, D. A. Frank-Kamenetskiy,

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AEC TR 349

Scientific - Chemistry
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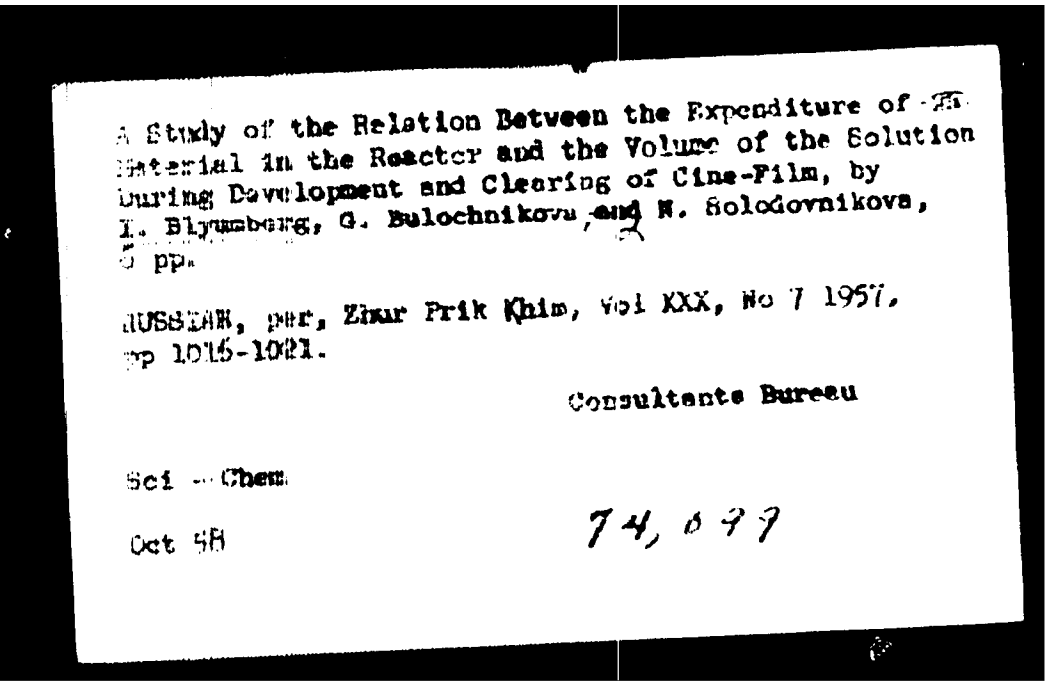

A Study of the Relation Between the Expenditure of [illegible] Material in the Reactor and the Volume of the Solution During Development and Clearing of Cine-Film, by I. Blyumberg, G. Bulochnikova, and N. Solodovnikova, 5 pp.

RUSSIAN, per, Zhur Prik Khim, Vol XXX, No 7 1957, pp 1015-1021.

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Kinetics of Super Highspeed Processing of Motion Picture and Photographic Materials, by I. B. Blyumberg.
RUSSIAN, per, Zh. Nauch. Prikl. Fotogr. Kinematogr.
Vol 9, No 5, 1964, pp 336-341.
GB 131/T 4625

И В Блюмберга

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TT-65-13724 Field 14E

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KINETICS OF SUPER HIGHSPEED PROCESSING OF MOTION PICTURE AND PHOTOGRAPHIC MATERIALS.
14p, 6refs.
Order from SLA: $1.80 as TT-65-13724

Trans. of Zhurnal Nauchnoi i Prikladnoi Fotografii i Kinematografii (USSR) v9 n5 p336-41 1964.

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I-70/64

Investigation of the Dependence of Photographic-Development Kinetecs on the Duration of Process and Thickness of the Boundary Layer, by I. A. Blyumberg, N. A. Ginno, 6 pp

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JPRS/DC-10685

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APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201040043-4

The Problem of the Quality of Cinema Images, by I. B. Blyumberg, T. M. Zyazina, 12 pp.

RUSSIAN, per, Tekh Kino i Televideniya, Vol V (8), 1961.

CIA/FDD XX-1238
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NCH-202 510 Field 14E

Blyumberg, L. B.; Zyazina, T. M.
INVESTIGATION OF THE QUALITY OF CINEMATOGRAPHIC IMAGES. 1965, 12p. TC-1228.
Order from TC: $12.00 on TC-1228

Trans. of Uspekhi Nauchnoi Fotografii (USSR) v10 p50-7 1964.

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Investigation of the Quality of Cinematographic Image, by I. S. Glyamder, T. M. Zyazina, 12 pp.
RUSSIAN, per, Uspekh Nauch Foto, Ak Nauk Otd Khim Nauk, No 10, 1964, pp 50-57.
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Mechanism of Penetration of Components of Processing Solutions into Photographic Emulsion, by I. B. Blyumberg, L. M. Darydkin

[illegible], par. Zhur Nauch Prik Fotogra[illegible] Kinematografii, Vol V[illegible] No 1, 1963, pp 5-10

[illegible] Ref: SB38 / 1963 ([illegible]) (USA)

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CIA/FID XX-1166
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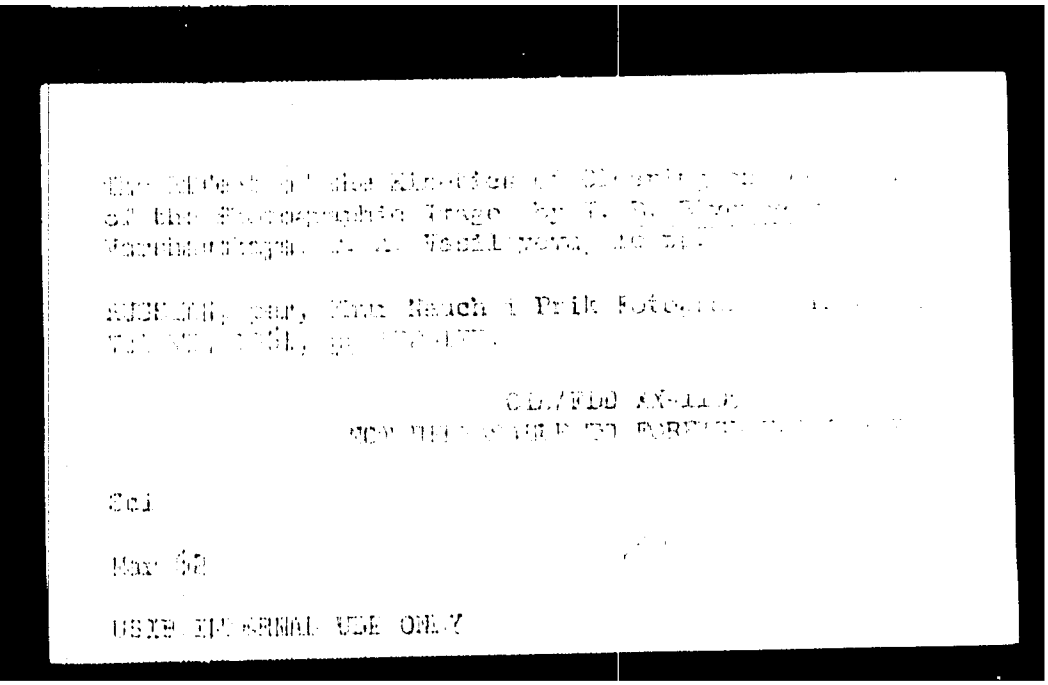

Sci

Mar 62

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APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201040043-4

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Blyumberg, I. B., Zyazina, T. M., and Teregulov, G. I.
A NEW METHOD OF DETERMINING THE SHARPNESS OF A PHOTOGRAPHIC IMAGE. [1963] 5p.
Order from ATS $6.25 ATS-52P66R

Trans. of Zh[urnal] Nauchn[oi] i Prikl[adnoi] Fotogr[afii] i Kinematogr[afii] (USSR) 1962, v. 7, no. 4, p. 268-271.

DESCRIPTORS: *Photographic images, Images, Visibility, Test methods.

(Materials--Photographic, TT, v. 9, no. 8)

63-12831

I. Blyumberg, I. B.
II. Zyazina, T. M.
III. Teregulov, G. I.
IV. ATS-52P66R
V. Associated Technical Services, Inc., East Orange, N. J.

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APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201040043-4

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The Role of Diffusion During Chemical Processing of Films, by I. B. Blyumberg, T. A. Novatskaya, M. A. Okunkunkx Obol'yaninova, 18 pp.

RUSSIAN, per, Uspekh Nauch Fotog, Vol IV, 1955, pp 190-201.

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SLA R-4919

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An Experimental Investi_ation of the Kinetics
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I. M. Davydkin, 5 pp.

RUSSIAN, per, Zhur Prik Khim , Vol XXXVI, 7,
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Blyumberg, I. B., Novatskaya, T. A., and Obol'yaninova, N. A.
DETERMINATION OF COEFFICIENTS OF DIFFUSION OF ELECTROLYTES IN GELATIN GELS. [1961] 14p. 9 refs.
Order from OTS or SLA $1.60 61-18285

Trans. of Leningradskii Institute Kinoinzhenerov. Trudy (USSR) 1959, v. 5, p. 200-209.

DESCRIPTORS: Photographic emulsions, *Gels, *Diffusion, Water, Refractive index, Salts, *Electrolytes, *Gelatin, Optical analysis, Tables, Numerical analysis, Theory.

A method was adopted for the determination of the coefficient of diffusion, according to Wiener, for an approximate determination of this value for salts in the gelatin gel. The values of the coefficient of diffusion of salts in the gelatin gel are small in short ex-
(Chemistry--Physical, TT, v. 6, no. 12) (over)

61-18285

I. Blyumberg, I. B.
II. Novatskaya, T. A.
III. Obol'yaninova, N. A.

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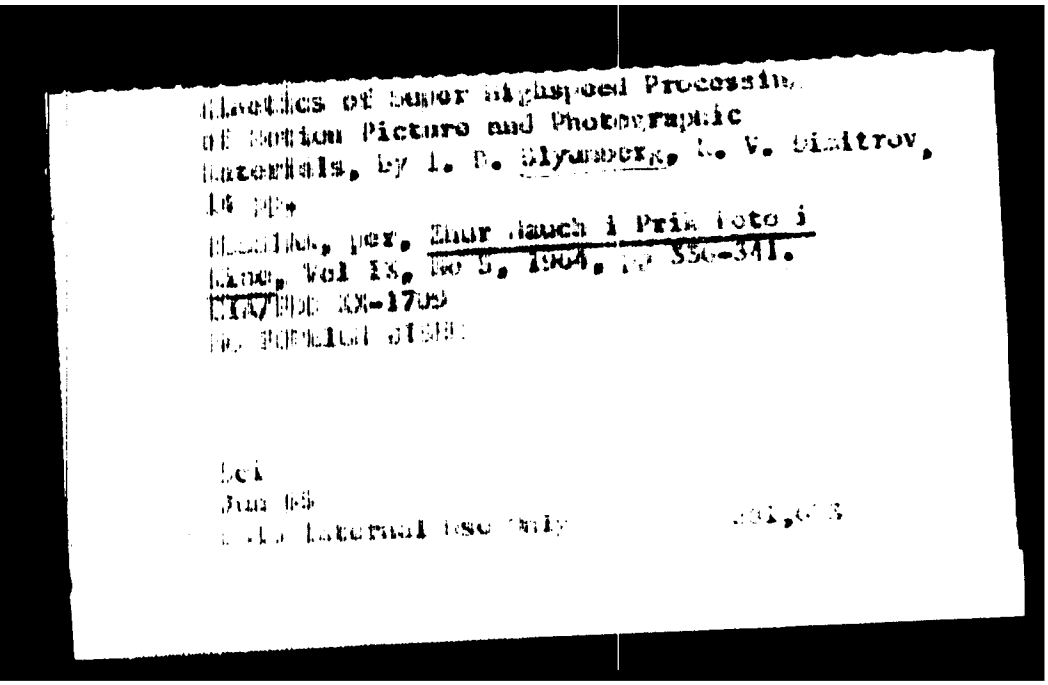

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Kino, Vol 13, No 5, 1968, pp 336-341.
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Calculation of Processes of Wet Treatment of Motion Picture Film, by I. B. Blyumberg, 16 pp. UNCLASSIFIED.

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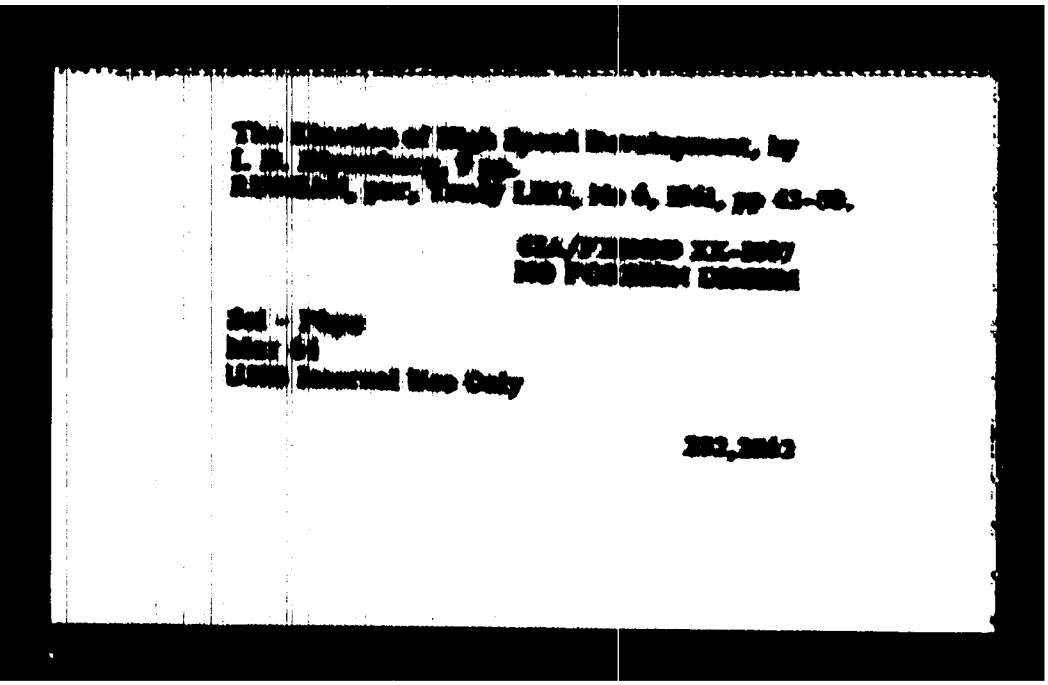

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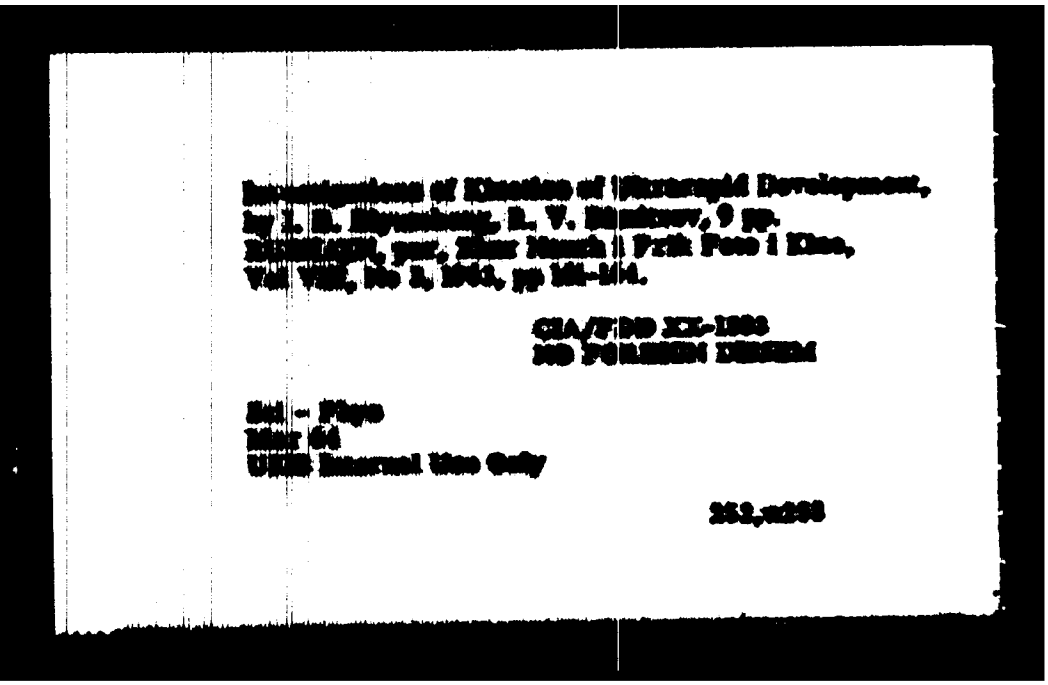

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Vol. 9, No 2, 1964, pp 40-132
GB 131/T 4474.

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RUSSIAN, per. Uspekhi.nauch.Fotogr., Vol 10
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QE 1:1/T 4817

I.B. Blyumberg

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Charge-Transfer States in Organic Systems, by
V. A. Benderskiy, L. A. Blyumenfeld.
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NASA TT F-8848

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Application of Electron Paramagnetic Resonance in Chemistry, by L. A. Blyumenfel'd, V. V. Voyevodskiy, 411 pp. 88

BLYUMENFEL'D, LA, Primeneniye Elektronnogo Parmagnitnogo Rezonansa v Khimii, 1962, pp 1-240. PIC0070067-V FTD-MT-64-306

L A Blyumenfel'd

Sci - Elect & Elec Eng
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Certain Characteristics of the Clinical Course of Acute Hapatitides, by B. I. Baraskiy, N. A. Blyumberg and R. T. Gokhfel'd

RUSSIAN, mo per, Voyenno Med Zhur, No 11, Moscow, Nov 1958, pp 22-25

US JPRS 1249-N

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RUSSIAN, bk, Rezcy Dlya Skorostnogo Tocheniya, Moscow, 1953, pp 9-12,

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APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201040043-4

Blyumberg, Ya. B. and Zdanovskii, A. B.
SOLUBILITY IN THE SYSTEM $(NH_4)_2SO_4$ + 2HCl = H_2SO_4 + $2NH_4Cl$ at 25°. [1963] 9p. 8 refs.
Order from OTS or SLA $1.10 63-18045

Trans. of Zhurnal Obshchei Khimii (USSR) 1939, v. 9, no. 9, p. 814-818.

DESCRIPTORS: *Phase studies, *Ammonium compounds, Sulfates, Chlorides, Hydrochloric acid, *Sulfuric acid, Solubility.

If the partial pressure of a gas is fixed, a saturation field in good agreement with the phase-rule can be obtained for it. Apart from the ordinary solid phase fields and the field of gaseous HCl, the solubility in the system $(NH_4)_2SO_4$ + 2HCl = H_2SO_4 + $2NH_4Cl$, studied with the aid of a Le Chatelier-Tenekke diagram at t° = 25°, also has a nonaqueous field of unsaturated
(Chemistry Digest, TT, v. 10, no. 6) (over)

63-18045

I. Blyumberg, Ya. B.
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Chain Continuation Mechanism in Gaseous Phase Oxidation of n-Butane
By Yu. D. Norikov, Ye. A. Blyumberg. pp. 7

RUSSIAN, par., Is Ak Nauk SSSR, Otdel Khim Nauk.
No 8, 1962. pp. 1357-1364.

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Part II. The Publication of EPR to the Solution of Chemical Problems, by Blyumfelt, Voyevodsky. RUSSIAN, rpt.
CIA/FDD S-5859

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Factors Reducing Vaccination Immunity Against Diphtheria
by V. D. Malikova-Aldakova, N. F. Blyumel', 6 pp.

RUSSIAN, per, Zhur Mikrobiol Epidemiol i Immunobiol,
Vol XXXII, No 4, 1961, pp 14-19.

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Glazed Wall Tiles From Local Low-Fusing Point Clays, by A. A. Kopelkin, L. M. Blyumen, 4 pp.

RUSSIAN, per, Steklo i Keramika, Vol XVII, No 9, 1960, pp 6-9.

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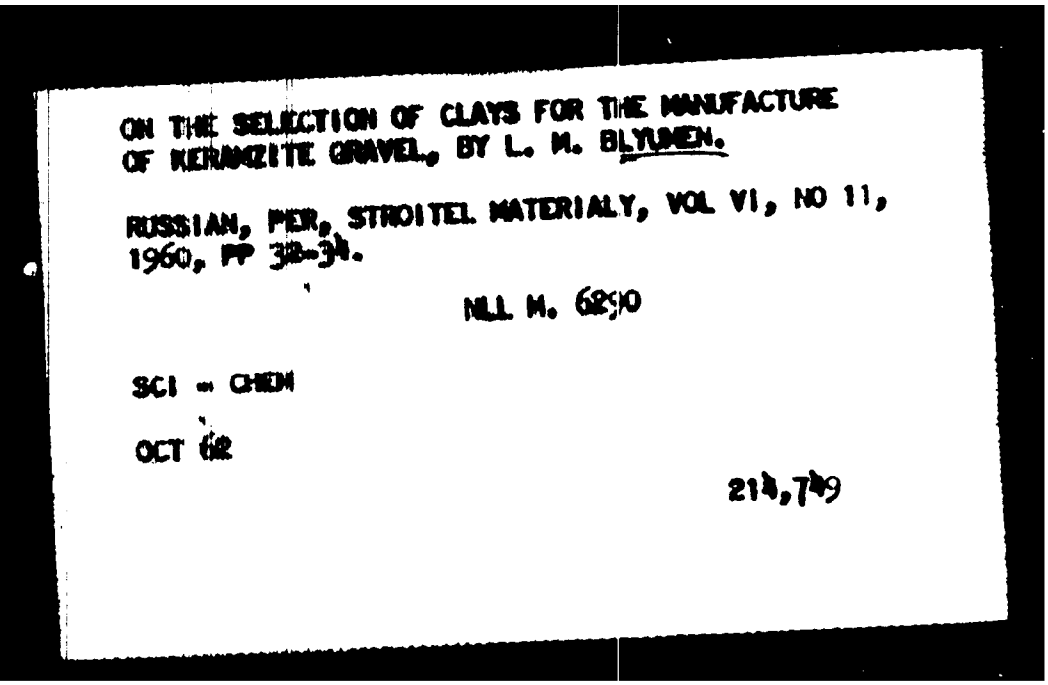

ON THE SELECTION OF CLAYS FOR THE MANUFACTURE OF KERAMZITE GRAVEL., BY L. M. BLYUMEN.

RUSSIAN, PER, STROITEL MATERIALY, VOL VI, NO 11, 1960, PP 32-34.

NLL M. 6850

SCI - CHEM

OCT 62

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The Physicochemical Nature of Clay Bloating - The Formation of Keramzite, by L. M. Blyumen, 5 pp.

RUSSIAN, per, steklo i Keramika, Vol XVII, No 2, 1960, pp 32-36.

CB

Sci

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Excerpts From: "Hemoglobin and Reversible Addition of Oxygen", by A. A. Blyumenfel'd, 21 pp.

RUSSIAN, bk, Gemoglobin i Obratimoye Prisoyedineniye Kisloroda, Moscow, 1957, pp 7-16, 101-115.

JPRS 1216-N

Sci - Med , hematology
Mar 59

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APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201040043-4

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Electron Paramagnetic Resonance Spectra of Biological objects -- I. Action of Ionizing Radiation on Dry Amino Acids, Peptides, Proteins and Lyophilized tissues, by L. A. Blyumenfel'd, A. E. Kalmanson, 12 pp.

RUSSIAN, per, Biofizika, Vol II, No 5, 1957, pp 552-565.

Pergamon Press

Sci - Phys

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Electron Paramagnetic Resonance Spectra of Biological Objects. Effect of Denaturation on the e.p.r. Spectra of Irradiated Proteins, by L. A. Blyumenfel'd, E. A. Kalmanson, 4 pp.

RUSSIAN, per, Biofizika, Vol III, No 1, 1958, pp 87-91.

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(FDD 15674)

Splitting of Porphyrin Rings Under the Effect of Ultrasonic Waves, by I. El'piner, L.A. Blyumenfel'd, S.E. Krasovitskaya, 8 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXXIX, No 3, Moscow, Jul 1951, pp 495-497.

CIA/FDD/U-3957

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Sci - Physics

Jan 54

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New Magnetic Properties of Macromolecular Compounds Containing Conjugated Double Bonds, by L. A. Blyumenfel'd, A. A. Berlin, A. A. Slinkin, 5 pp.

RUSSIAN, per, Zhur Strukturnoy Khim, Vol I, No 1, 1960, pp 103-108.

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Radio Spectroscopy and Contemporary Theoretical Chemistry, by L. A. Blyumenfel'd, V. V. Voyevodskiy, 13 pp.

RUSSIAN, pub, Uspekhi Fiz Nauk, Vol LXVIII, No 1, 1959, pp 31-.

AIP
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Vol II (68), No 3

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The Electronic Levels and Absorption Spectra of Naphthalene, by L. A. Blyumenfel'd.

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RUSSIAN, per, Zhur Fiz Khim, Vol XXI, 1947,

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Effect of Ionized Side Groups on the Magnetic Properties of Ribonucleic Acid, by L. V. Vozychaya; L. A. Blyumenfel'd, 3 pp.

RUSSIAN, per, Biofiz, Vol V, No 5, 1960, pp 579-581.

PP

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Order from OTS or SLA $1.60 61-19575

Trans. of Akad[emiya] Nauk SSSR. Izv[estiya]. Ser[iya] Biol[ogicheskaya] 1957 [v. 22] p. 285-292.

DESCRIPTORS: *Paramagnetic resonance, Biophysics, Energy, *Tissues (Biology), *Proteins.

(Biological Sciences--General, IT, v. 6, no. 7)

61-19575

1. Blyumenfel'd, L. A.

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(TY-6665)

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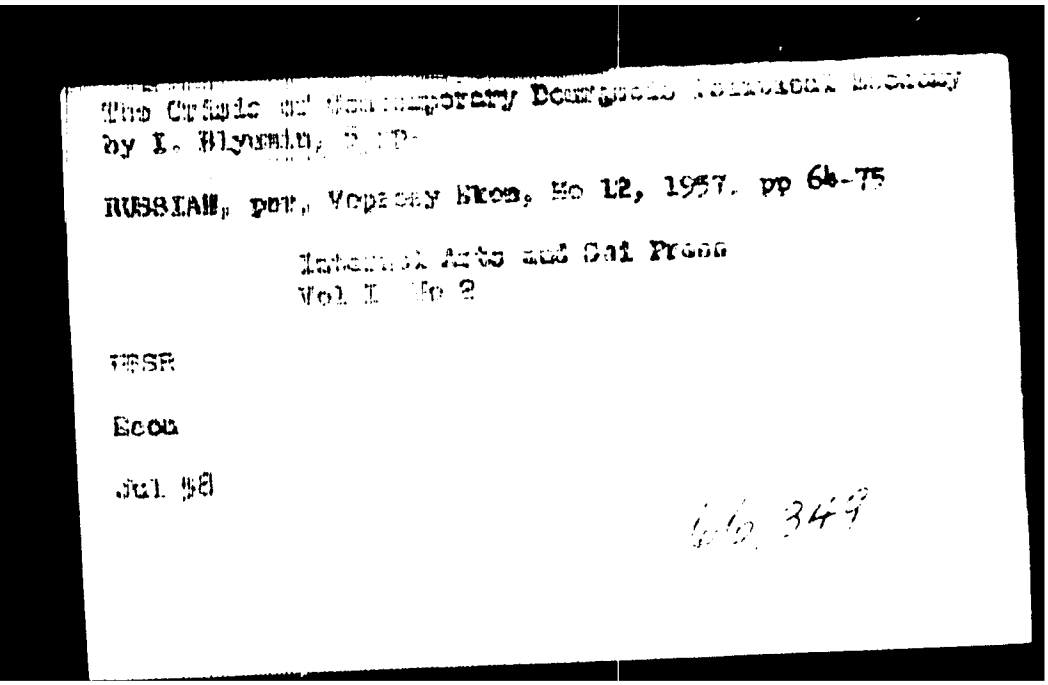

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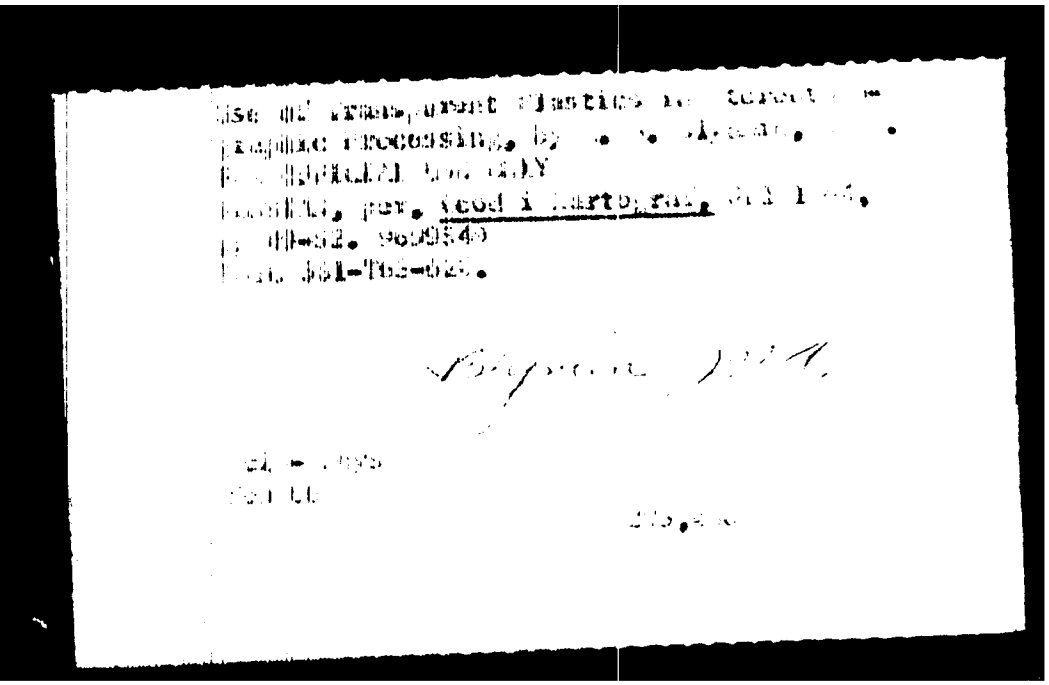

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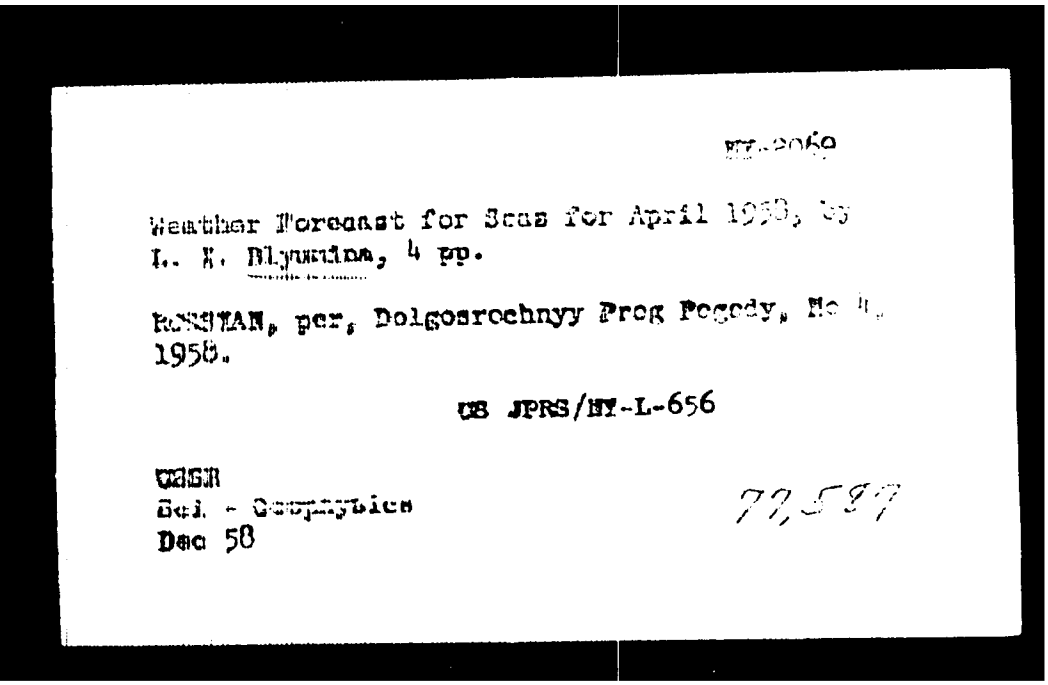

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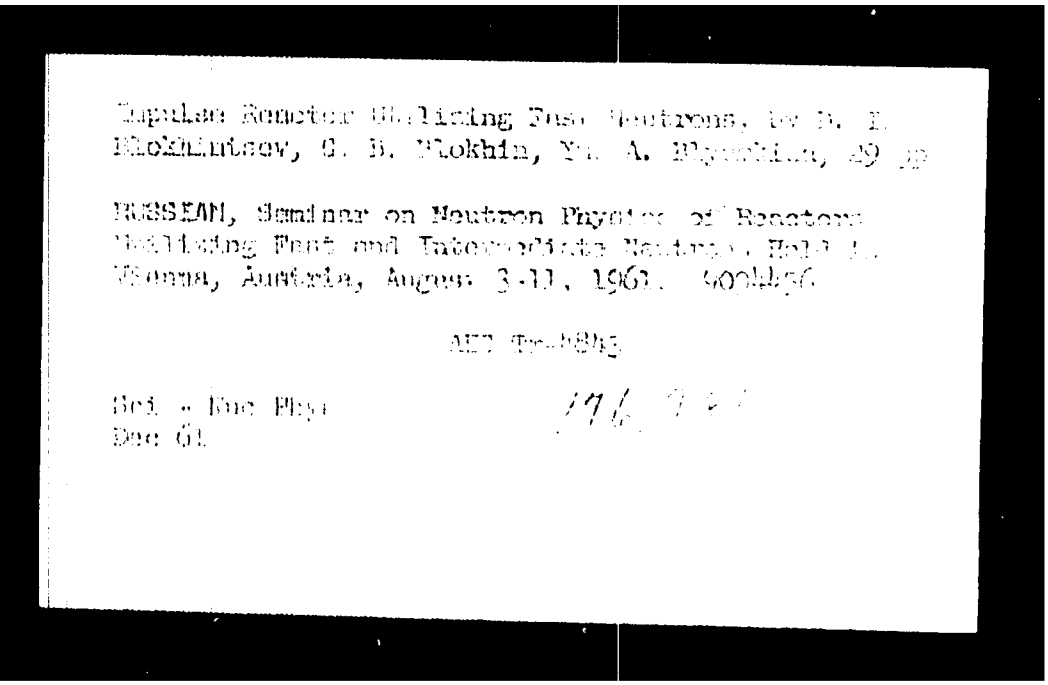

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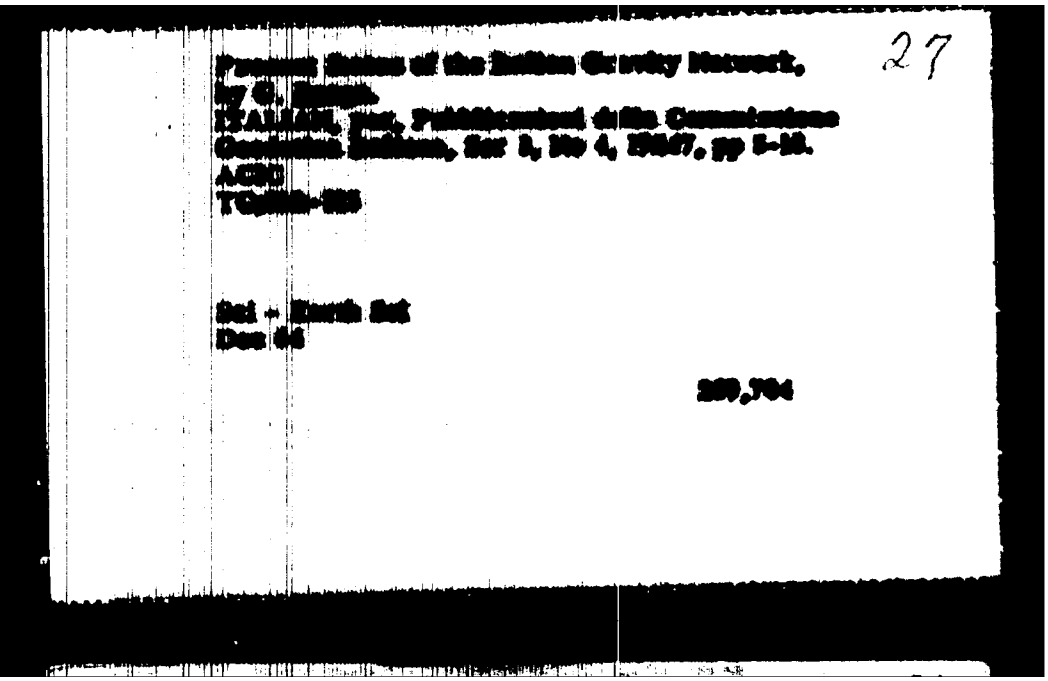

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Sci - Earth Sci
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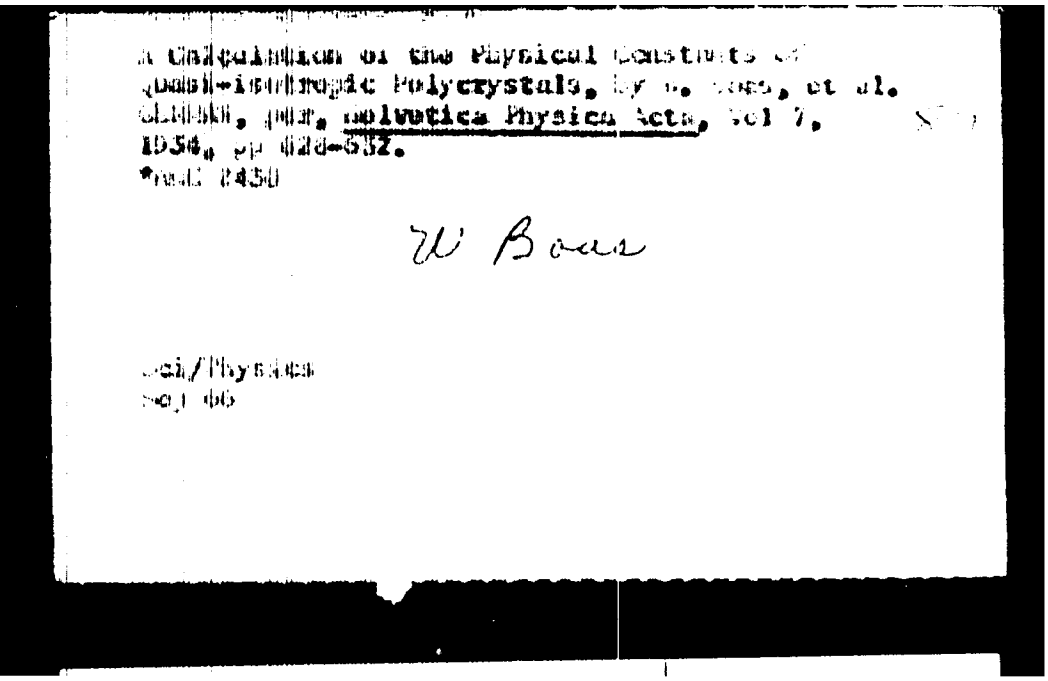

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Order from SLA $1.10 62-20281

Trans. of Helvetica Physica Acta (Switzerland) 1934, v. 7, p. 878-883.

DESCRIPTORS: *Crystals, *Single crystals, *Metal crystals, *Tin, *Elasticity, Crystal structure, Statistical analysis.

The orientation dependence of the elasticity- and torsion-modulus of the tin crystal is indicated. By taking the mean over the entire orientation range the moduli of the quasi-isotropic polycrystal are calculated and compared with experience. (Author) (See also 62-20280)
(Physics--Solid State, TT, v. 10, no. 1)

62-20281

I. Boas, W.

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Boasson, Eduard Hein.
PROCESS AND DEVICE FOR MANUFACTURING SYNTHETIC THREADS ACCORDING TO THE SMELT SPIN METHOD, AND THREADS OBTAINED THEREWITH. [1961] 4p. 2 refs.
Order from OTS or SLA $1.10 62-10021

Trans. of Netherlands patent application 227,597, cl. 29 c 4 c (29 c 3) by N. V. Ondersoekingsinstituut Research, appl. rec'd 7 May 58, made public 15 Sep 61

DESCRIPTORS: Synthetic fibers, Processing, *Threads, Manufacturing methods.

The thread-forming substance is extruded in molten condition through spin openings which are arranged at equal distances from each other in parallel rows in a spin plate. The openings in the successive rows are
(Materials-Textiles, TT, v. 7, no. 10) (over)

62-10021

I. Boasson, E. H.
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268329

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[illegible], No 227 (2165), [illegible] p 4.

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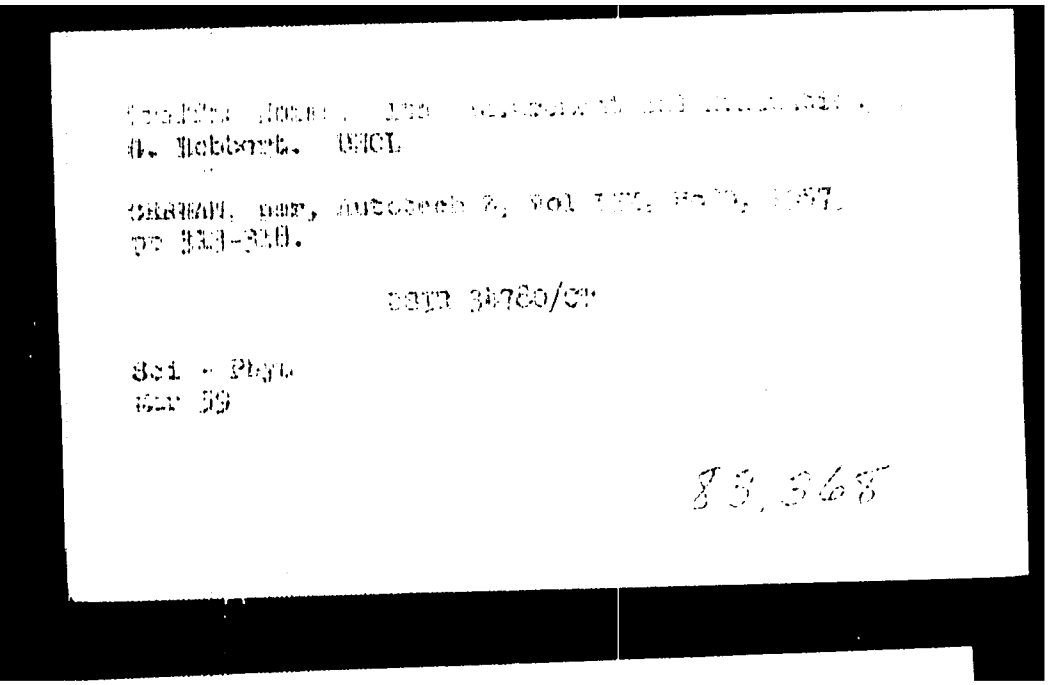

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GERMAN, DDR, Autocorrelation, Vol [illegible], [illegible], 1967, pp 333-340.

Data 30760/67

Sci - Phys
Cat 39

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